

Series 82

Characteristics

The compact Series 82 is especially suited for:

- Flush design

The robust construction and the metal housing allow a high vandal resistant, which approximate a mechanical front protection of IK10.

Functions

The Series 82 incorporates the following functions:

- Indicator
- Pushbutton
- Illuminated pushbutton

Market segments

The EAO series 82 is used in the following segments:

- Machinery and Automation
- Building technology
- Panel building

Please refer to the EAO website to obtain detailed information regarding this series www.products.eao.com
Configure a product to your exact needs and request a quotation.



Overview**Flush design**

Indicator Ø 16 mm	4
Indicator Ø 19 mm	14
Indicator Ø 22 mm	24
Pushbutton Ø 16 mm	34
Pushbutton Ø 19 mm	38
Pushbutton Ø 22 mm	42
Illuminated pushbutton Ø 16 mm	46
Illuminated pushbutton Ø 19 mm	65
Illuminated pushbutton Ø 22 mm	84

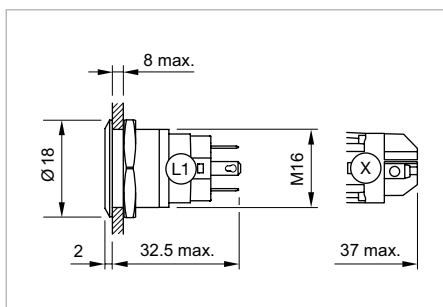
Drawings **103****Technical data** **104****Application guidelines** **106****Index** **107**

82 Flush design

Indicator 16 mm, IP 65 & IP 67

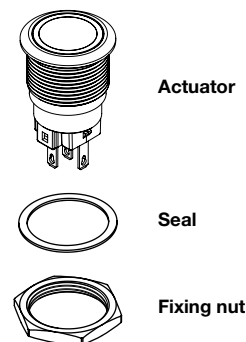


Product can differ from the current configuration.

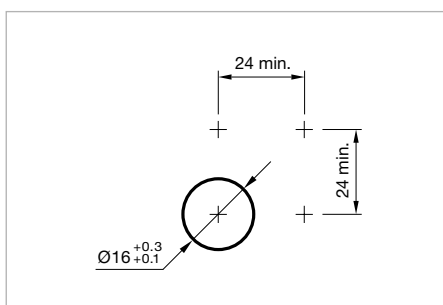


Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)



Each Part Number listed below includes all the black components shown in the 3D-drawing.



Mounting cut-outs [mm]

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 16 mm stainless-steel, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0146	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0156	1	1	0.018 kg



Indicator 16 mm stainless-steel, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.0256	1	1	0.021 kg



Indicator 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0136	1	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0156	1	1	0.018 kg
 Indicator 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.0256	1	1	0.021 kg

Illustration	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 16 mm Brass, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0156	1	1	0.018 kg
 Indicator 16 mm Brass, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0246	1	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.0256	1	1	0.021 kg
 Indicator 16 mm Aluminium, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0156	1	1	0.018 kg
 Indicator 16 mm Aluminium, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0236	1	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.0256	1	1	0.021 kg



Indicator 16 mm stainless-steel, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0156	1	1	0.018 kg



Indicator 16 mm stainless-steel, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0226	1	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.0256	1	1	0.021 kg



Indicator 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0156	1	1	0.018 kg

illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.0256	1	1	0.021 kg
 Indicator 16 mm Brass, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0146	1	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0156	1	1	0.018 kg
 Indicator 16 mm Brass, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.0256	1	1	0.021 kg
 Indicator 16 mm Aluminium, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0136	1	1	0.018 kg

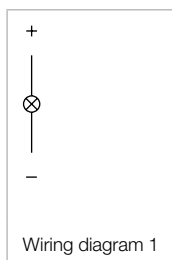
Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0156	1	1	0.018 kg



Indicator 16 mm Aluminium, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.0256	1	1	0.021 kg

The component layouts you will find from page 103

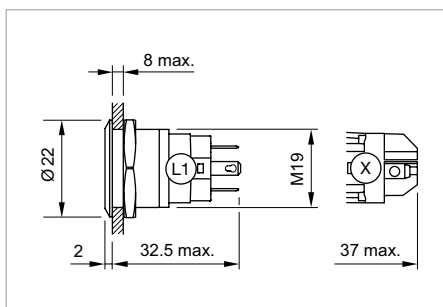


82 Flush design

Indicator 19 mm, IP 65 & IP 67

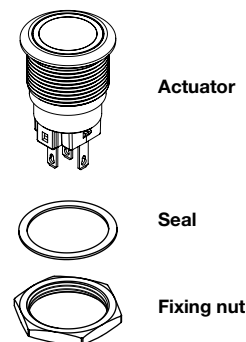


Product can differ from the current configuration.

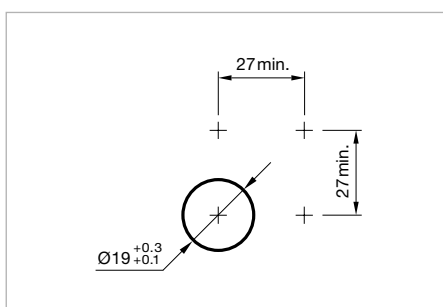


Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)



Each Part Number listed below includes all the black components shown in the 3D-drawing.



Mounting cut-outs [mm]

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 19 mm stainless-steel, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0146	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0156	1	1	0.018 kg



Indicator 19 mm stainless-steel, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.0256	1	1	0.021 kg



Indicator 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0136	1	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0156	1	1	0.018 kg
 Indicator 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.0256	1	1	0.021 kg

illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 19 mm Brass, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0156	1	1	0.018 kg
 Indicator 19 mm Brass, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0246	1	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0256	1	1	0.021 kg
 Indicator 19 mm Aluminium, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0156	1	1	0.018 kg
 Indicator 19 mm Aluminium, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0236	1	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0256	1	1	0.021 kg



Indicator 19 mm stainless-steel, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0156	1	1	0.018 kg



Indicator 19 mm stainless-steel, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0226	1	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0256	1	1	0.021 kg



Indicator 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0146	1	1	0.018 kg
Ring mit LED weiss	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0156	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0256	1	1	0.021 kg
 Indicator 19 mm Brass, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0146	1	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0156	1	1	0.018 kg
 Indicator 19 mm Brass, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0256	1	1	0.021 kg
 Indicator 19 mm Aluminium, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0136	1	1	0.018 kg

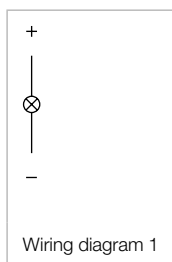
Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0156	1	1	0.018 kg



Indicator 19 mm Aluminium, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0256	1	1	0.021 kg

The component layouts you will find from page 103

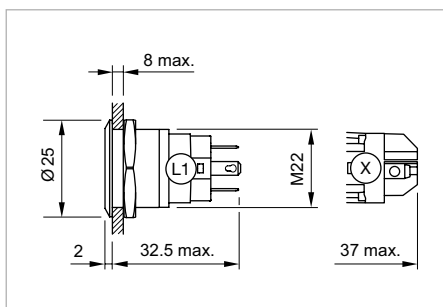


82 Flush design

Indicator 22 mm, IP 65 & IP 67

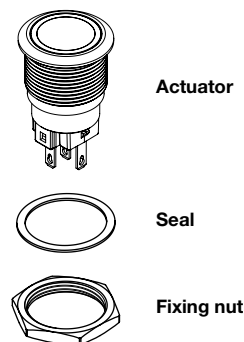


Product can differ from the current configuration.

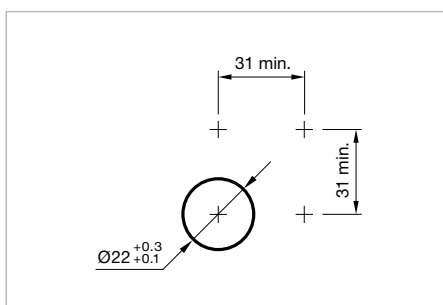


Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)



Each Part Number listed below includes all the black components shown in the 3D-drawing.



Mounting cut-outs [mm]

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 22 mm stainless-steel, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0146	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0156	1	1	0.018 kg



Indicator 22 mm stainless-steel, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.0256	1	1	0.021 kg



Indicator 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0136	1	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0156	1	1	0.018 kg
 Indicator 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.0256	1	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 22 mm Brass, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0112	1	1	0.018 kg
Ring with red LED	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0113	1	1	0.018 kg
Ring with red LED	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0114	1	1	0.018 kg
Ring with red LED	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0115	1	1	0.018 kg
Ring with red LED	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0122	1	1	0.018 kg
Ring with blue LED	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0123	1	1	0.018 kg
Ring with blue LED	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0124	1	1	0.018 kg
Ring with blue LED	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0125	1	1	0.018 kg
Ring with blue LED	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0132	1	1	0.018 kg
Ring with green LED	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0133	1	1	0.018 kg
Ring with green LED	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0134	1	1	0.018 kg
Ring with green LED	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0135	1	1	0.018 kg
Ring with green LED	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0142	1	1	0.018 kg
Ring with yellow LED	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0143	1	1	0.018 kg
Ring with yellow LED	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0144	1	1	0.018 kg
Ring with yellow LED	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0145	1	1	0.018 kg
Ring with yellow LED	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0152	1	1	0.018 kg
Ring with white LED	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0153	1	1	0.018 kg
Ring with white LED	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0154	1	1	0.018 kg
Ring with white LED	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0155	1	1	0.018 kg
Ring with white LED	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0156	1	1	0.018 kg
 Indicator 22 mm Brass, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0246	1	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.0256	1	1	0.021 kg
 Indicator 22 mm Aluminium, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0156	1	1	0.018 kg
 Indicator 22 mm Aluminium, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0236	1	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.0256	1	1	0.021 kg



Indicator 22 mm stainless-steel, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0156	1	1	0.018 kg



Indicator 22 mm stainless-steel, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0226	1	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.0256	1	1	0.021 kg



Indicator 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0156	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Indicator 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.0256	1	1	0.021 kg
 Indicator 22 mm Brass, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0146	1	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0156	1	1	0.018 kg



Indicator 22 mm Brass, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.0256	1	1	0.021 kg



Indicator 22 mm Aluminium, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0136	1	1	0.018 kg

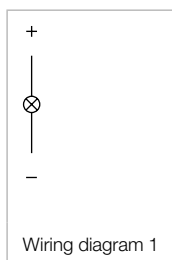
Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0156	1	1	0.018 kg



Indicator 22 mm Aluminium, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.0256	1	1	0.021 kg

The component layouts you will find from page 103

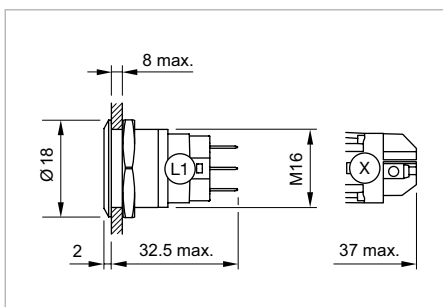


82 Flush design

Pushbutton 16 mm, IP 65 & IP 67

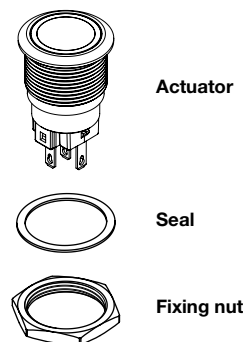


Product can differ from the current configuration.



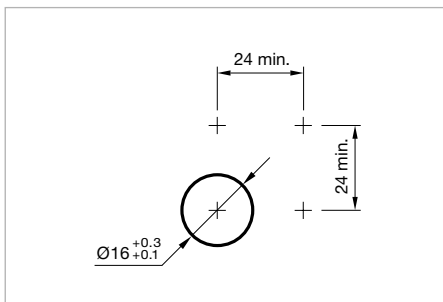
Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)



Additional Information

- Contacts: 1 chance over (NC/NO)



Mounting cut-outs [mm]

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
							
Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-4151.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-4151.2000	2	2	0.018 kg
							
Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm							
flush	flat / raised above front ring	B	Solder 2.8 x 0.5 mm	82-4161.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-4161.2000	2	2	0.020 kg
							
Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-4171.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-4171.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-4181.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-4181.2000	2	2	0.023 kg
							
Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-4251.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-4251.2000	2	2	0.018 kg

Front ring shape	Lens	Switching action	Terminal	Part No.	Compo- nent layout	Wiring diagram	Weight
							
Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-4261.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-4261.2000	2	2	0.020 kg
							
Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-4271.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-4271.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-4281.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-4281.2000	2	2	0.023 kg
							
Pushbutton 16 mm Brass, Front dimension Ø 18 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-4351.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-4351.2000	2	2	0.018 kg
							
Pushbutton 16 mm Brass, Front dimension Ø 18 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-4361.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-4361.2000	2	2	0.020 kg
							
Pushbutton 16 mm Brass, Front dimension Ø 18 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-4371.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-4371.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-4381.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-4381.2000	2	2	0.023 kg
							
Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-4551.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-4551.2000	2	2	0.018 kg
							
Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-4561.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-4561.2000	2	2	0.020 kg
Front ring shape	Lens	Switching action	Terminal	Part No.	Compo- nent layout	Wiring diagram	Weight

82 Flush design



Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-4571.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-4571.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-4581.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-4581.2000	2	2	0.023 kg



Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm							
flush	flat / level with front ring	B	Screw	82-4152.1000	2	1	0.018 kg
		C	Screw	82-4152.2000	2	2	0.018 kg



Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm							
flush	flat / raised above fron ring	B	Screw	82-4162.1000	2	1	0.020 kg
		C	Screw	82-4162.2000	2	2	0.020 kg



Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm							
flush	convex / level with front ring	B	Screw	82-4172.1000	2	1	0.019 kg
		C	Screw	82-4172.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-4182.1000	2	1	0.023 kg
		C	Screw	82-4182.2000	2	2	0.023 kg



Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm							
flush	flat / level with front ring	B	Screw	82-4252.1000	2	1	0.018 kg
		C	Screw	82-4252.2000	2	2	0.018 kg



Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm							
flush	flat / raised above fron ring	B	Screw	82-4262.1000	2	1	0.020 kg
		C	Screw	82-4262.2000	2	2	0.020 kg



Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm							
flush	convex / level with front ring	B	Screw	82-4272.1000	2	1	0.019 kg
		C	Screw	82-4272.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-4282.1000	2	1	0.023 kg
		C	Screw	82-4282.2000	2	2	0.023 kg

					Component layout	Wiring diagram	
Front ring shape	Lens	Switching action	Terminal	Part No.			Weight


Pushbutton 16 mm Brass, Front dimension Ø 18 mm

flush	flat / level with front ring	B	Screw	82-4352.1000	2	1	0.018 kg
		C	Screw	82-4352.2000	2	2	0.018 kg


Pushbutton 16 mm Brass, Front dimension Ø 18 mm

flush	flat / raised above front ring	B	Screw	82-4362.1000	2	1	0.020 kg
		C	Screw	82-4362.2000	2	2	0.020 kg


Pushbutton 16 mm Brass, Front dimension Ø 18 mm

flush	convex / level with front ring	B	Screw	82-4372.1000	2	1	0.019 kg
		C	Screw	82-4372.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-4382.1000	2	1	0.023 kg
		C	Screw	82-4382.2000	2	2	0.023 kg


Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm

flush	flat / level with front ring	B	Screw	82-4552.1000	2	1	0.018 kg
		C	Screw	82-4552.2000	2	2	0.018 kg

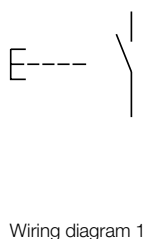

Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm

flush	flat / raised above front ring	B	Screw	82-4562.1000	2	1	0.020 kg
		C	Screw	82-4562.2000	2	2	0.020 kg


Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm

flush	convex / level with front ring	B	Screw	82-4572.1000	2	1	0.019 kg
		C	Screw	82-4572.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-4582.1000	2	1	0.023 kg
		C	Screw	82-4582.2000	2	2	0.023 kg

Switching action: B = Momentary, C = Maintained
The component layouts you will find from page 103

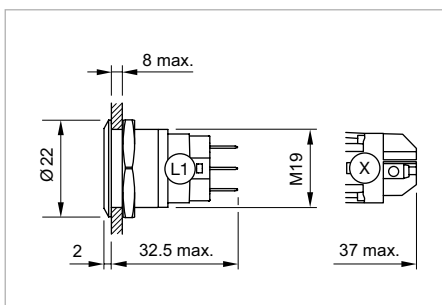


82 Flush design

Pushbutton 19 mm, IP 65 & IP 67

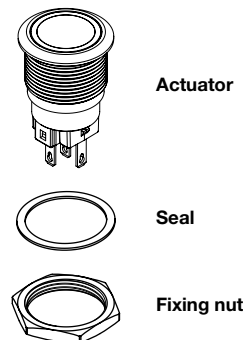


Product can differ from the current configuration.



Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

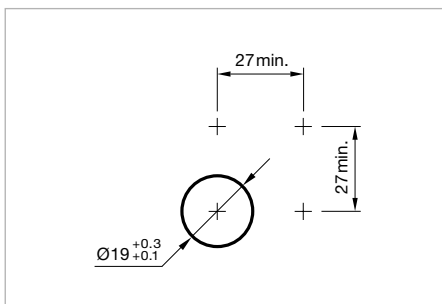
Equipment consisting of (schematic overview)



Each Part Number listed below includes all the black components shown in the 3D-drawing.

Additional Information

- Contacts: 1 chance over (NC/NO)



Mounting cut-outs [mm]

Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
							
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-5151.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-5151.2000	2	2	0.018 kg
							
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	flat / raised above front ring	B	Solder 2.8 x 0.5 mm	82-5161.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-5161.2000	2	2	0.020 kg
							
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-5171.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-5171.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-5181.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-5181.2000	2	2	0.023 kg
							
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-5251.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-5251.2000	2	2	0.018 kg

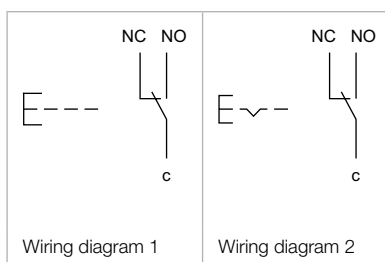
Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
							
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-5261.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-5261.2000	2	2	0.020 kg
							
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-5271.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-5271.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-5281.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-5281.2000	2	2	0.023 kg
							
Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-5351.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-5351.2000	2	2	0.018 kg
							
Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-5361.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-5361.2000	2	2	0.020 kg
							
Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-5371.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-5371.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-5381.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-5381.2000	2	2	0.023 kg
							
Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-5551.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-5551.2000	2	2	0.018 kg
							
Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-5561.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-5561.2000	2	2	0.020 kg

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Front ring shape	Lens	Switching action	Terminal	Part No.	Compo- nent layout	Wiring diagram	Weight
							
Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-5571.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-5571.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-5581.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-5581.2000	2	2	0.023 kg
							
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Screw	82-5152.1000	2	1	0.018 kg
		C	Screw	82-5152.2000	2	2	0.018 kg
							
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Screw	82-5162.1000	2	1	0.020 kg
		C	Screw	82-5162.2000	2	2	0.020 kg
							
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Screw	82-5172.1000	2	1	0.019 kg
		C	Screw	82-5172.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-5182.1000	2	1	0.023 kg
		C	Screw	82-5182.2000	2	2	0.023 kg
							
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Screw	82-5252.1000	2	1	0.018 kg
		C	Screw	82-5252.2000	2	2	0.018 kg
							
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Screw	82-5262.1000	2	1	0.020 kg
		C	Screw	82-5262.2000	2	2	0.020 kg
							
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Screw	82-5272.1000	2	1	0.019 kg
		C	Screw	82-5272.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-5282.1000	2	1	0.023 kg
		C	Screw	82-5282.2000	2	2	0.023 kg

Front ring shape	Lens	Switching action	Terminal	Part No.	Compo- nent layout	Wiring diagram	Weight
 Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Screw	82-5352.1000	2	1	0.018 kg
		C	Screw	82-5352.2000	2	2	0.018 kg
 Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Screw	82-5362.1000	2	1	0.020 kg
		C	Screw	82-5362.2000	2	2	0.020 kg
 Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Screw	82-5372.1000	2	1	0.019 kg
		C	Screw	82-5372.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-5382.1000	2	1	0.023 kg
		C	Screw	82-5382.2000	2	2	0.023 kg
 Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Screw	82-5552.1000	2	1	0.018 kg
		C	Screw	82-5552.2000	2	2	0.018 kg
 Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Screw	82-5562.1000	2	1	0.020 kg
		C	Screw	82-5562.2000	2	2	0.020 kg
 Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Screw	82-5572.1000	2	1	0.019 kg
		C	Screw	82-5572.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-5582.1000	2	1	0.023 kg
		C	Screw	82-5582.2000	2	2	0.023 kg

Switching action: B = Momentary, C = Maintained
The component layouts you will find from page 103

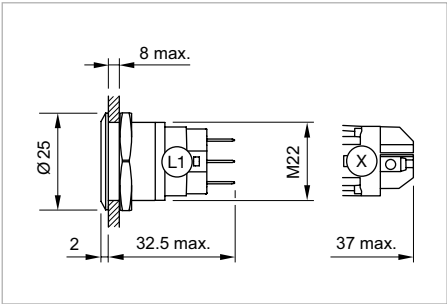


82 Flush design

Pushbutton 22 mm, IP 65 & IP 67

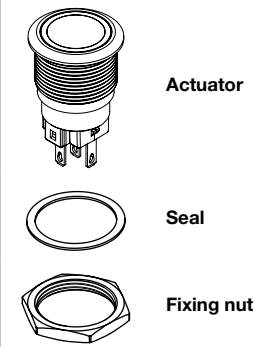


Product can differ from the current configuration.



Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

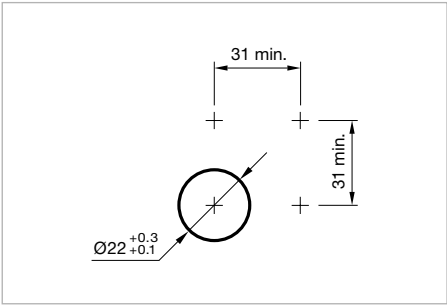
Equipment consisting of (schematic overview)



Each Part Number listed below includes all the black components shown in the 3D-drawing.

Additional Information

- Contacts: 1 chance over (NC/NO)



Mounting cut-outs [mm]

Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-6151.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-6151.2000	2	2	0.018 kg
 Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	flat / raised above front ring	B	Solder 2.8 x 0.5 mm	82-6161.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-6161.2000	2	2	0.020 kg
 Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-6171.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-6171.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-6181.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-6181.2000	2	2	0.023 kg
 Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-6251.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-6251.2000	2	2	0.018 kg

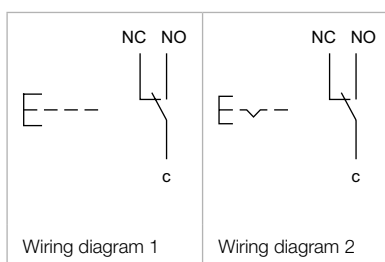
Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
							
Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-6261.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-6261.2000	2	2	0.020 kg
							
Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-6271.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-6271.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-6281.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-6281.2000	2	2	0.023 kg
							
Pushbutton 22 mm Brass, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-6351.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-6351.2000	2	2	0.018 kg
							
Pushbutton 22 mm Brass, Front dimension Ø 25 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-6361.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-6361.2000	2	2	0.020 kg
							
Pushbutton 22 mm Brass, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-6371.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-6371.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-6381.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-6381.2000	2	2	0.023 kg
							
Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	82-6551.1000	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	82-6551.2000	2	2	0.018 kg
							
Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	82-6561.1000	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	82-6561.2000	2	2	0.020 kg

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Front ring shape	Lens	Switching action	Terminal	Part No.	Compo- nent layout	Wiring diagram	Weight
							
Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	82-6571.1000	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	82-6571.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	82-6581.1000	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	82-6581.2000	2	2	0.023 kg
							
Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Screw	82-6152.1000	2	1	0.018 kg
		C	Screw	82-6152.2000	2	2	0.018 kg
							
Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	flat / raised above fron ring	B	Screw	82-6162.1000	2	1	0.020 kg
		C	Screw	82-6162.2000	2	2	0.020 kg
							
Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Screw	82-6172.1000	2	1	0.019 kg
		C	Screw	82-6172.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-6182.1000	2	1	0.023 kg
		C	Screw	82-6182.2000	2	2	0.023 kg
							
Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Screw	82-6252.1000	2	1	0.018 kg
		C	Screw	82-6252.2000	2	2	0.018 kg
							
Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	flat / raised above fron ring	B	Screw	82-6262.1000	2	1	0.020 kg
		C	Screw	82-6262.2000	2	2	0.020 kg
							
Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Screw	82-6272.1000	2	1	0.019 kg
		C	Screw	82-6272.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-6282.1000	2	1	0.023 kg
		C	Screw	82-6282.2000	2	2	0.023 kg

Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Pushbutton 22 mm Brass, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Screw	82-6352.1000	2	1	0.018 kg
		C	Screw	82-6352.2000	2	2	0.018 kg
 Pushbutton 22 mm Brass, Front dimension Ø 25 mm							
flush	flat / raised above front ring	B	Screw	82-6362.1000	2	1	0.020 kg
		C	Screw	82-6362.2000	2	2	0.020 kg
 Pushbutton 22 mm Brass, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Screw	82-6372.1000	2	1	0.019 kg
		C	Screw	82-6372.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-6382.1000	2	1	0.023 kg
		C	Screw	82-6382.2000	2	2	0.023 kg
 Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Screw	82-6552.1000	2	1	0.018 kg
		C	Screw	82-6552.2000	2	2	0.018 kg
 Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm							
flush	flat / raised above front ring	B	Screw	82-6562.1000	2	1	0.020 kg
		C	Screw	82-6562.2000	2	2	0.020 kg
 Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Screw	82-6572.1000	2	1	0.019 kg
		C	Screw	82-6572.2000	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	82-6582.1000	2	1	0.023 kg
		C	Screw	82-6582.2000	2	2	0.023 kg

Switching action: B = Momentary, C = Maintained
The component layouts you will find from page 103

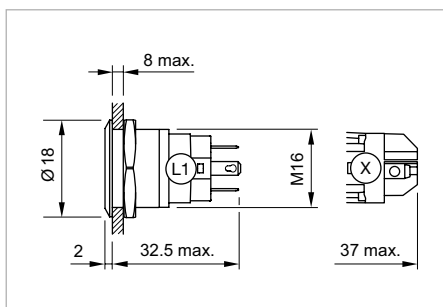


82 Flush design

Illuminated pushbutton 16 mm, IP 65 & IP 67

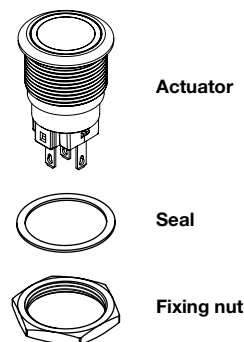


Product can differ from the current configuration.



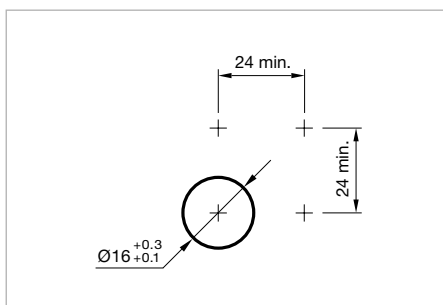
Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)



Additional Information

- Contacts: 1 chance over (NC/NO)



Mounting cut-outs [mm]

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 16 mm stainless-steel, momentary, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1146	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1156	3	1	0.018 kg



Illuminated pushbutton 16 mm stainless-steel, momentary, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.1256	3	1	0.021 kg



Illuminated pushbutton 16 mm stainless-steel, maintain, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2136	3	2	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2156	3	2	0.018 kg



Illuminated pushbutton 16 mm stainless-steel, maintain, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4151.2256	3	2	0.021 kg



Illuminated pushbutton 16 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1116	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1156	3	1	0.018 kg



Illuminated pushbutton 16 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.1256	3	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 16 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2156	3	2	0.018 kg
 Illuminated pushbutton 16 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2246	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2256	3	2	0.021 kg



Illuminated pushbutton 16 mm Brass, momentary, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1156	3	1	0.018 kg



Illuminated pushbutton 16 mm Brass, momentary, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1236	3	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.1256	3	1	0.021 kg



Illuminated pushbutton 16 mm Brass, maintain, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2156	3	2	0.018 kg



Illuminated pushbutton 16 mm Brass, maintain, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2226	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4351.2256	3	2	0.021 kg



Illuminated pushbutton 16 mm Aluminium, momentary, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1156	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 16 mm Aluminium, momentary, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.1256	3	1	0.021 kg
 Illuminated pushbutton 16 mm Aluminium, maintain, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2146	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2156	3	2	0.018 kg



Illuminated pushbutton 16 mm Aluminium, maintain, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4551.2256	3	2	0.021 kg



Illuminated pushbutton 16 mm stainless-steel, momentary, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1136	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1156	3	1	0.018 kg



Illuminated pushbutton 16 mm stainless-steel, momentary, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1256	3	1	0.021 kg



Illuminated pushbutton 16 mm stainless-steel, maintain, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2126	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2156	3	2	0.018 kg



Illuminated pushbutton 16 mm stainless-steel, maintain, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2256	3	2	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 16 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1156	3	1	0.018 kg
 Illuminated pushbutton 16 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1246	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1256	3	1	0.021 kg



Illuminated pushbutton 16 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2156	3	2	0.018 kg



Illuminated pushbutton 16 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2226	3	2	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2256	3	2	0.021 kg



Illuminated pushbutton 16 mm Brass, momentary, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1156	3	1	0.018 kg



Illuminated pushbutton 16 mm Brass, momentary, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1216	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1256	3	1	0.021 kg



Illuminated pushbutton 16 mm Brass, maintain, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2156	3	2	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 16 mm Brass, maintain, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.2256	3	2	0.021 kg
 Illuminated pushbutton 16 mm Aluminium, momentary, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1146	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1156	3	1	0.018 kg



Illuminated pushbutton 16 mm Aluminium, momentary, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.1256	3	1	0.021 kg



Illuminated pushbutton 16 mm Aluminium, maintain, Front dimension Ø 18 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2136	3	2	0.018 kg

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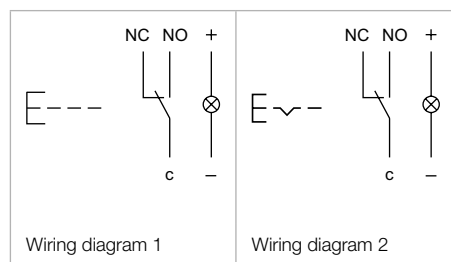
Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2156	3	2	0.018 kg



Illuminated pushbutton 16 mm Aluminium, maintain, Front dimension Ø 18 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4552.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4552.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4552.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4552.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4552.2256	3	2	0.021 kg

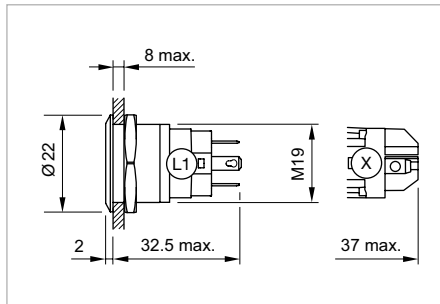
The component layouts you will find from page 103



Illuminated pushbutton 19 mm, IP 65 & IP 67

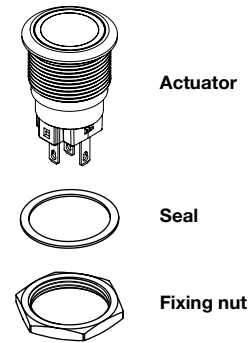


Product can differ from the current configuration.



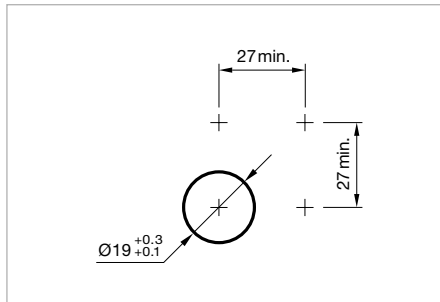
Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)



Additional Information

- Contacts: 1 chance over (NC/NO)



Mounting cut-outs [mm]

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 19 mm stainless-steel, momentary, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1146	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1156	3	1	0.018 kg
 Illuminated pushbutton 19 mm stainless-steel, momentary, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.1256	3	1	0.021 kg
 Illuminated pushbutton 19 mm stainless-steel, maintain, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2136	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2156	3	2	0.018 kg



Illuminated pushbutton 19 mm stainless-steel, maintain, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5151.2256	3	2	0.021 kg



Illuminated pushbutton 19 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1126	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1156	3	1	0.018 kg



Illuminated pushbutton 19 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.1256	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 19 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2156	3	2	0.018 kg
 Illuminated pushbutton 19 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2246	3	2	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2256	3	2	0.021 kg
 Illuminated pushbutton 19 mm Brass, momentary, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1156	3	1	0.018 kg
 Illuminated pushbutton 19 mm Brass, momentary, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1236	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.1256	3	1	0.021 kg



Illuminated pushbutton 19 mm Brass, maintain, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2156	3	2	0.018 kg



Illuminated pushbutton 19 mm Brass, maintain, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2226	3	2	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.2256	3	2	0.021 kg



Illuminated pushbutton 19 mm Aluminium, momentary, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1156	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 19 mm Aluminium, momentary, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.1256	3	1	0.021 kg
 Illuminated pushbutton 19 mm Aluminium, maintain, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2146	3	2	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2156	3	2	0.018 kg



Illuminated pushbutton 19 mm Aluminium, maintain, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.2256	3	2	0.021 kg



Illuminated pushbutton 19 mm stainless-steel, momentary, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1136	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1156	3	1	0.018 kg



Illuminated pushbutton 19 mm stainless-steel, momentary, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.1256	3	1	0.021 kg



Illuminated pushbutton 19 mm stainless-steel, maintain, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2126	3	2	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2156	3	2	0.018 kg



Illuminated pushbutton 19 mm stainless-steel, maintain, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2256	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 19 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1156	3	1	0.018 kg
 Illuminated pushbutton 19 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1246	3	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.1256	3	1	0.021 kg
 Illuminated pushbutton 19 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2156	3	2	0.018 kg
 Illuminated pushbutton 19 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2226	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.2256	3	2	0.021 kg



Illuminated pushbutton 19 mm Brass, momentary, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1135	3	1	0.018 kg
Ring with green LED	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1156	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 19 mm Brass, momentary, Front dimension Ø 22 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.1256	3	1	0.021 kg
 Illuminated pushbutton 19 mm Brass, maintain, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2146	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2156	3	2	0.018 kg



Illuminated pushbutton 19 mm Brass, maintain, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.2256	3	2	0.021 kg



Illuminated pushbutton 19 mm Aluminium, momentary, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1136	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1156	3	1	0.018 kg



Illuminated pushbutton 19 mm Aluminium, momentary, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.1256	3	1	0.021 kg



Illuminated pushbutton 19 mm Aluminium, maintain, Front dimension Ø 22 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2126	3	2	0.018 kg

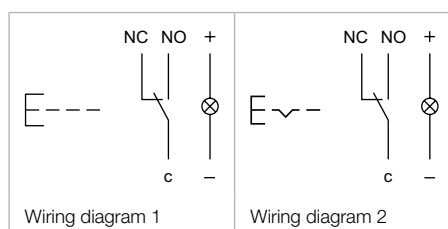
Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2156	3	2	0.018 kg



Illuminated pushbutton 19 mm Aluminium, maintain, Front dimension Ø 22 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.2256	3	2	0.021 kg

The component layouts you will find from page 103

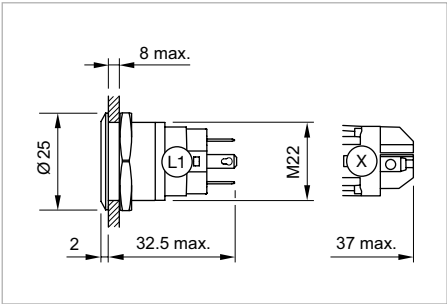


82 Flush design

Illuminated pushbutton 22 mm, IP 65 & IP 67

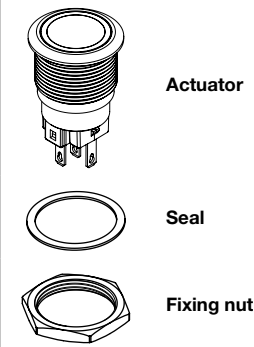


Product can differ from the current configuration.



Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

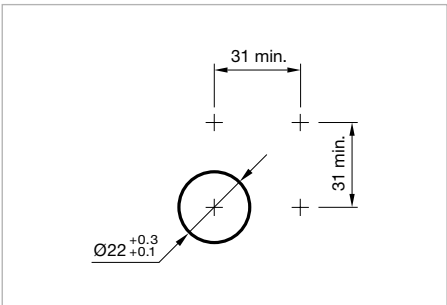
Equipment consisting of (schematic overview)



Each Part Number listed below includes all the black components shown in the 3D-drawing.

Additional Information

- Contacts: 1 chance over (NC/NO)



Mounting cut-outs [mm]

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 22 mm stainless-steel, momentary, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1146	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1156	3	1	0.018 kg



Illuminated pushbutton 22 mm stainless-steel, momentary, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.1256	3	1	0.021 kg



Illuminated pushbutton 22 mm stainless-steel, maintain, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2136	3	2	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2156	3	2	0.018 kg



Illuminated pushbutton 22 mm stainless-steel, maintain, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6151.2256	3	2	0.021 kg



Illuminated pushbutton 22 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1126	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1156	3	1	0.018 kg
 Illuminated pushbutton 22 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.1256	3	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 22 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2156	3	2	0.018 kg
 Illuminated pushbutton 22 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2246	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6251.2256	3	2	0.021 kg



Illuminated pushbutton 22 mm Brass, momentary, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1156	3	1	0.018 kg



Illuminated pushbutton 22 mm Brass, momentary, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1236	3	1	0.021 kg

82 Flush design

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.1256	3	1	0.021 kg



Illuminated pushbutton 22 mm Brass, maintain, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2156	3	2	0.018 kg



Illuminated pushbutton 22 mm Brass, maintain, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2226	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6351.2256	3	2	0.021 kg



Illuminated pushbutton 22 mm Aluminium, momentary, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1156	3	1	0.018 kg



Illuminated pushbutton 22 mm Aluminium, momentary, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1216	3	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.1256	3	1	0.021 kg



Illuminated pushbutton 22 mm Aluminium, maintain, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2156	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 22 mm Aluminium, maintain, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-6551.2256	3	2	0.021 kg
 Illuminated pushbutton 22 mm stainless-steel, momentary, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1146	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1156	3	1	0.018 kg
 Illuminated pushbutton 22 mm stainless-steel, momentary, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.1256	3	1	0.021 kg
 Illuminated pushbutton 22 mm stainless-steel, maintain, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2136	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2156	3	2	0.018 kg



Illuminated pushbutton 22 mm stainless-steel, maintain, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6152.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6152.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6152.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6152.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6152.2256	3	2	0.021 kg



Illuminated pushbutton 22 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1126	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1156	3	1	0.018 kg



Illuminated pushbutton 22 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.1256	3	1	0.021 kg



Illuminated pushbutton 22 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2116	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2156	3	2	0.018 kg



Illuminated pushbutton 22 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6252.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6252.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6252.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6252.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6252.2256	3	2	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 22 mm Brass, momentary, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1156	3	1	0.018 kg
 Illuminated pushbutton 22 mm Brass, momentary, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1246	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.1256	3	1	0.021 kg



Illuminated pushbutton 22 mm Brass, maintain, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2156	3	2	0.018 kg



Illuminated pushbutton 22 mm Brass, maintain, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2236	3	2	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6352.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6352.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6352.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6352.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6352.2256	3	2	0.021 kg



Illuminated pushbutton 22 mm Aluminium, momentary, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1156	3	1	0.018 kg



Illuminated pushbutton 22 mm Aluminium, momentary, Front dimension Ø 25 mm

Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1226	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.1256	3	1	0.021 kg



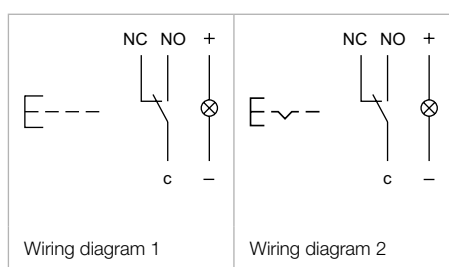
Illuminated pushbutton 22 mm Aluminium, maintain, Front dimension Ø 25 mm

Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2156	3	2	0.018 kg

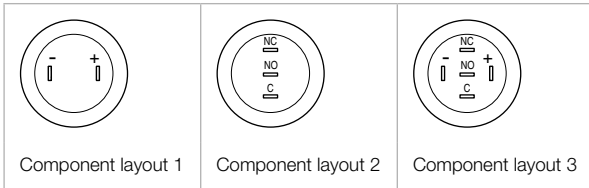
82 Flush design

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton 22 mm Aluminium, maintain, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-6552.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-6552.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-6552.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-6552.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-6552.2256	3	2	0.021 kg

The component layouts you will find from page 103



Drawings



Indicator, Pushbutton, Illuminated pushbutton

Switching system

Snap-action changeover contact normally closed / normally open.
Switching function momentary or maintain.

Material

Housing

Stainless-steel
Stainless-steel chrome-coloured
Brass gold-coloured
Aluminium natural anodized

Terminal housing

Polyamide 66 (PA66)

Contact material

Silver alloy

Mechanical characteristics

Mounting cut-out

Ø 16 mm +0.3/+0.1 mm
Ø 19 mm +0.3/+0.1 mm
Ø 22 mm +0.3/+0.1 mm

Terminals

Soldering/plug-in terminals 2.8 x 0.5 mm
Screw terminal

Tightening torque

5 Nm min. – 12 Nm max. for fixing nut

Actuating force

4 ... 7 N

Actuating travel

3 mm

Mechanical lifetime

Pushbutton momentary 1 Mio. cycles of operation
Pushbutton maintain 500 000 cycles of operation

Resistance to heat of soldering

Hand-soldering max. 380 °C, 3 sek.

Electrical characteristics

Rated Operational Voltage U_o

250 VAC

Rated Insulation Voltage U_i

250 V

Illumination

LED red, green, blue, yellow and white

LED and series resistor with polarity protection are built in.

LED-Voltage	Tolerance	Current	Consumption
6 VAC/DC	±10 %	15 mA	0.1 W
12 VAC/DC	±10 %	14 mA	0.17 W
24 VAC/DC	±10 %	10 mA	0.24 W
110 VAC	±10 %	2 mA	0.22 W
230 VAC	±10 %	1.3 mA	0.29 W

Contact resistance

<50 mΩ

Electrical life

50 000 cycles of operation (full load)

Switch rating IEC 60947-5-1

Switch rating AC cosφ 0.3 service categorie AC-15

Voltage	Current
24 VAC	1 A
110 VAC	1 A
240 VAC	0.5 A

Switch rating DC service categorie DC-13

Voltage	Current
24 VDC	0.7 A
110 VDC	0.2 A
220 VDC	0.1 A

Switch rating UL 508

Switch rating AC cosφ 0.75 ... 0.8)

Voltage	Current
125 VAC	5 A
250 VAC	3 A

Switch rating DC

Voltage	Current
24 VDC	1 A

Recommended minimum operational data

Silver contacts

Voltage 17 VAC/DC

Current 50 mA

Conventional free air thermal current I_{th}

5 A

The maximum current in continuous operation and at ambient temperature must not exceed the quoted maximum values.

Electrical strength

1500 VAC, 50 Hz 1 min. between life terminals and ground

Isolation resistance

500 VDC at min. 10 MΩ according to IEC 60512-2

Environmental conditions

Storage temperature

-40 °C ... +80 °C

Operating temperature

-30 °C ... +70 °C

Front protection

IP 65 and IP 67, as per IEC 60529

Impact resistance

IK 10, as per IEC 62262

Shock resistance

max. 500 m/s² according to IEC 60068-2-27

Degree of pollution

2, as per EN IEC 60947-1

Vibration resistance

10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

Climate resistance

Damp heat, 21 days according to IEC 60512-11

Stainless steel and aluminium versions:

Saline mist, 96 hours according to IEC 60512-11

Brass versions:

Saline mist, 24 hours according to IEC 60512-11

Approvals

Approbations

CB

UL

C UL

CCC

Declaration of conformity

CE

EAO reserves the right to alter specifications without further notice.

82 Application guidelines

Suppressor circuits

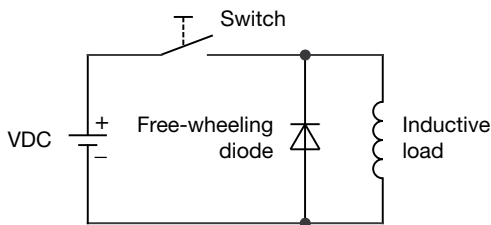
When switching inductive loads such as relays, DC motors, and DC solenoids, it is always important to absorb surges (e.g. with a diode) to protect the contacts. When these inductive loads are switched off, a counter emf can severely damage switch contacts and greatly shorten lifetime.

Fig. 1 shows an inductive load with a free-wheeling diode connected in parallel. This free-wheeling diode provides a path for the inductor current to flow when the current is interrupted by the switch. Without this free-wheeling diode, the voltage across the coil will be limited only by dielectric breakdown voltages of the circuit or parasitic elements of the coil. This voltage can be kilovolts in amplitude even when nominal circuit voltages are low (e.g. 12VDC) see Fig. 2.

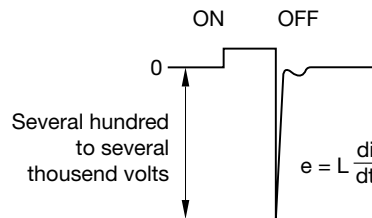
The free-wheeling diode should be chosen so that the reverse breakdown voltage is greater than the voltage driving the inductive load. The DC blocking voltage (V_R) of the free-wheeling diode can be found in the datasheet of a diode. The forward current should be equal or greater than the maximum current flowing through the load.

To get an efficient protection, the free-wheeling diode must be connected as close as possible to the inductive load!

Switching with inductive load
Fig. 1



Counter EMF
over load without free-wheeling diode
Fig. 2



Index from Part No.

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
82-4151.0112	4	82-4151.1213	47	82-4152.0114	9	82-4152.1215	56	82-4171.1000	34	82-4251.1145	49
82-4151.0113	4	82-4151.1214	47	82-4152.0115	9	82-4152.1216	56	82-4171.2000	34	82-4251.1146	49
82-4151.0114	4	82-4151.1215	47	82-4152.0116	9	82-4152.1222	56	82-4172.1000	36	82-4251.1152	49
82-4151.0115	4	82-4151.1216	47	82-4152.0122	9	82-4152.1223	56	82-4172.2000	36	82-4251.1153	49
82-4151.0116	4	82-4151.1222	47	82-4152.0123	9	82-4152.1224	56	82-4181.1000	34	82-4251.1154	49
82-4151.0122	4	82-4151.1223	47	82-4152.0124	9	82-4152.1225	56	82-4181.2000	34	82-4251.1155	49
82-4151.0123	4	82-4151.1224	47	82-4152.0125	9	82-4152.1226	56	82-4182.1000	36	82-4251.1156	49
82-4151.0124	4	82-4151.1225	47	82-4152.0126	9	82-4152.1232	56	82-4182.2000	36	82-4251.1212	49
82-4151.0125	4	82-4151.1226	47	82-4152.0132	9	82-4152.1233	56	82-4251.0112	5	82-4251.1213	49
82-4151.0126	4	82-4151.1232	47	82-4152.0133	9	82-4152.1234	56	82-4251.0113	5	82-4251.1214	49
82-4151.0132	4	82-4151.1233	47	82-4152.0134	9	82-4152.1235	56	82-4251.0114	5	82-4251.1215	49
82-4151.0133	4	82-4151.1234	47	82-4152.0135	9	82-4152.1236	56	82-4251.0115	5	82-4251.1216	49
82-4151.0134	4	82-4151.1235	47	82-4152.0136	9	82-4152.1242	56	82-4251.0116	5	82-4251.1222	49
82-4151.0135	4	82-4151.1236	47	82-4152.0142	9	82-4152.1243	56	82-4251.0122	5	82-4251.1223	49
82-4151.0136	4	82-4151.1242	47	82-4152.0143	9	82-4152.1244	56	82-4251.0123	5	82-4251.1224	49
82-4151.0142	4	82-4151.1243	47	82-4152.0144	9	82-4152.1245	56	82-4251.0124	5	82-4251.1225	49
82-4151.0143	4	82-4151.1244	47	82-4152.0145	9	82-4152.1246	56	82-4251.0125	5	82-4251.1226	49
82-4151.0144	4	82-4151.1245	47	82-4152.0146	9	82-4152.1252	56	82-4251.0126	5	82-4251.1232	49
82-4151.0145	4	82-4151.1246	47	82-4152.0152	9	82-4152.1253	56	82-4251.0132	5	82-4251.1233	49
82-4151.0146	4	82-4151.1252	47	82-4152.0153	9	82-4152.1254	56	82-4251.0133	5	82-4251.1234	49
82-4151.0152	5	82-4151.1253	47	82-4152.0154	9	82-4152.1255	56	82-4251.0134	5	82-4251.1235	49
82-4151.0153	5	82-4151.1254	47	82-4152.0155	9	82-4152.1256	56	82-4251.0135	5	82-4251.1236	49
82-4151.0154	5	82-4151.1255	47	82-4152.0156	9	82-4152.2000	36	82-4251.0136	5	82-4251.1242	49
82-4151.0155	5	82-4151.1256	47	82-4152.0212	9	82-4152.2112	56	82-4251.0142	6	82-4251.1243	49
82-4151.0156	5	82-4151.2000	34	82-4152.0213	9	82-4152.2113	56	82-4251.0143	6	82-4251.1244	49
82-4151.0212	5	82-4151.2112	47	82-4152.0214	9	82-4152.2114	56	82-4251.0144	6	82-4251.1245	49
82-4151.0213	5	82-4151.2113	47	82-4152.0215	9	82-4152.2115	56	82-4251.0145	6	82-4251.1246	49
82-4151.0214	5	82-4151.2114	47	82-4152.0216	9	82-4152.2116	56	82-4251.0146	6	82-4251.1252	49
82-4151.0215	5	82-4151.2115	47	82-4152.0222	9	82-4152.2122	56	82-4251.0152	6	82-4251.1253	49
82-4151.0216	5	82-4151.2116	47	82-4152.0223	9	82-4152.2123	56	82-4251.0153	6	82-4251.1254	49
82-4151.0222	5	82-4151.2122	47	82-4152.0224	9	82-4152.2124	56	82-4251.0154	6	82-4251.1255	49
82-4151.0223	5	82-4151.2123	47	82-4152.0225	9	82-4152.2125	56	82-4251.0155	6	82-4251.1256	49
82-4151.0224	5	82-4151.2124	47	82-4152.0226	9	82-4152.2126	56	82-4251.0156	6	82-4251.2000	34
82-4151.0225	5	82-4151.2125	47	82-4152.0232	10	82-4152.2132	57	82-4251.0212	6	82-4251.2112	50
82-4151.0226	5	82-4151.2126	47	82-4152.0233	10	82-4152.2133	57	82-4251.0213	6	82-4251.2113	50
82-4151.0232	5	82-4151.2132	47	82-4152.0234	10	82-4152.2134	57	82-4251.0214	6	82-4251.2114	50
82-4151.0233	5	82-4151.2133	47	82-4152.0235	10	82-4152.2135	57	82-4251.0215	6	82-4251.2115	50
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82-4151.0235	5	82-4151.2135	47	82-4152.0242	10	82-4152.2142	57	82-4251.0222	6	82-4251.2122	50
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82-4151.0242	5	82-4151.2142	48	82-4152.0244	10	82-4152.2144	57	82-4251.0224	6	82-4251.2124	50
82-4151.0243	5	82-4151.2143	48	82-4152.0245	10	82-4152.2145	57	82-4251.0225	6	82-4251.2125	50
82-4151.0244	5	82-4151.2144	48	82-4152.0246	10	82-4152.2146	57	82-4251.0226	6	82-4251.2126	50
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82-4151.0253	5	82-4151.2153	48	82-4152.0255	10	82-4152.2155	57	82-4251.0235	6	82-4251.2135	50
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82-4151.0255	5	82-4151.2155	48	82-4152.1000	36	82-4152.2212	57	82-4251.0242	6	82-4251.2142	50
82-4151.0256	5	82-4151.2156	48	82-4152.1112	55	82-4152.2213	57	82-4251.0243	6	82-4251.2143	50
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82-4151.1112	46	82-4151.2213	48	82-4152.1114	55	82-4152.2215	57	82-4251.0245	6	82-4251.2145	50
82-4151.1113	46	82-4151.2214	48	82-4152.1115	55	82-4152.2216	57	82-4251.0246	6	82-4251.2146	50
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82-4151.1115	46	82-4151.2216	48	82-4152.1122	55	82-4152.2223	57	82-4251.0253	6	82-4251.2153	50
82-4151.1116	46	82-4151.2222	48	82-4152.1123	55	82-4152.2224	57	82-4251.0254	6	82-4251.2154	50
82-4151.1122	46	82-4151.2223	48	82-4152.1124	55	82-4152.2225	57	82-4251.0255	6	82-4251.2155	50
82-4151.1123	46	82-4151.2224	48	82-4152.1125	55	82-4152.2226	57	82-4251.0256	6	82-4251.2156	50
82-4151.1124	46	82-4151.2225	48	82-4152.1126	55	82-4152.2232	57	82-4251.1000	34	82-4251.2212	50
82-4151.1125	46	82-4151.2226	48	82-4152.1132	55	82-4152.2233	57	82-4251.1112	48	82-4251.2213	50
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82-4151.1133	46	82-4151.2234	48	82-4152.1135	55	82-4152.2236	57	82-4251.1115	48	82-4251.2216	50
82-4151.1134	46	82-4151.2235	48	82-4152.1136	55	82-4152.2242	57	82-4251.1116	48	82-4251.2222	50
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82-4151.1136	46	82-4151.2242	48	82-4152.1143	56	82-4152.2244	57	82-4251.1123	49	82-4251.2224	50
82-4151.1142	46	82-4151.2243	48	82-4152.1144	56	82-4152.2245	57	82-4251.1124	49	82-4251.2225	50
82-4151.1143	46	82-4151.2244	48	82-4152.1145	56	82-4152.2246	57	82-4251.1125	49	82-4251.2226	50
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82-4151.1145	46	82-4151.2246	48	82-4152.1152	56	82-4152.2253	57	82-4251.1132	49	82-4251.2233	50
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82-4151.1152	47	82-4151.2253	48	82-4152.1154	56	82-4152.2255	57	82-4251.1134	49	82-4251.2235	50
82-4151.1153	47	82-4151.2254	48	82-4152.1155	56	82-4152.2256	57	82-4251.1135	49	82-4251.2236	50
82-4151.1154	47	82-4151.2255	48	82-4152.1156	56	82-4161.1000	34	82-4251.1136	49	82-4251.2242	50
82-4151.1155	47	82-4151.2256	48	82-4152.1212	56	82-4161.2000	34	82-4251.1142	49	82-4251.2243	50
82-4151.1156	47	82-4152.0112	9	82-4152.1213	56	82-4162.1000	36	82-4251.1143	49	82-4251.2244	50
82-4151.1212	47	82-4152.0113	9	82-4152.1214	56	82-4162.2000	36	82-4251.1144	49	82-4251.2245	50

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82-4252.0243.....	11	82-4252.2143.....	59	82-4351.0223.....	7	82-4351.2123.....	52	82-4352.0225.....	12	82-4352.2125.....	61
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82-4252.1000.....	36	82-4252.2212.....	59	82-4351.0242.....	7	82-4351.2142.....	52	82-4352.0244.....	12	82-4352.2144.....	61
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82-4252.1113.....	58	82-4252.2214.....	59	82-4351.0244.....	7	82-4351.2144.....	52	82-4352.0246.....	12	82-4352.2146.....	61
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82-4252.1116.....	58	82-4252.2222.....	59	82-4351.0252.....	8	82-4351.2152.....	52	82-4352.0254.....	12	82-4352.2154.....	61
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82-4352.2236	62	82-4551.1115	53	82-4551.2216	55	82-4552.1122	62	82-4552.2223	64	82-5151.0253	15
82-4352.2242	62	82-4551.1116	53	82-4551.2222	55	82-4552.1123	62	82-4552.2224	64	82-5151.0254	15
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82-5351.0214	17	82-5351.2114	71	82-5352.0216	22	82-5352.2116	80	82-5551.0146	18
82-5351.0215	17	82-5351.2115	71	82-5352.0222	22	82-5352.2122	80	82-5551.0152	18
82-5351.0216	17	82-5351.2116	71	82-5352.0223	22	82-5352.2123	80	82-5551.0153	18

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82-6152.1252	94	82-6251.0126	25	82-6251.1232	87	82-6252.0133	30	82-6252.1234	96	82-6351.0113	27
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